

TITLE

PLANT LIPOXYGENASES
ABSTRACT OF THE DISCLOSURE

This invention relates to isolated nucleic acid fragments encoding
5 lipoxigenases. The invention also relates to the construction of recombinant DNA
constructs encoding all or a portion of the lipoxigenase, in sense or antisense
orientation, wherein expression of the recombinant DNA construct results in
production of altered levels of the lipoxigenase in a transformed host cell.

10

15

20

25

30

35

PG/dmm